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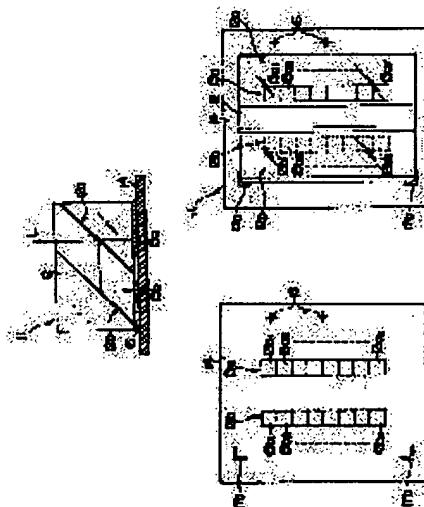
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(54) METHOD OF POSITIONING OPTICAL-PATH SPLITTING PRISM OF FOCUSING DETECTOR ON PHOTODETECTOR SUBSTRATE

(57) Abstract:

PURPOSE: To position a light-splitting prism easily and accurately by matching a mark on a photodetector substrate to that of the light-splitting prism.

CONSTITUTION: On substrate 14 of a focusing detector provided with photodetectors 13a1... and 13b1 in lines 13a and 13b, a photomask punched in the mask pattern that corresponds to positioning marks 17a and 17b is matched to mask matching mark 16 and a photoresist film is exposed and developed, so that L-shaped marks 17a and 17b will be formed on the high-reflectance lead wire, etc., of substrate 14. On this substrate 14, optical-path splitting prism 12 is mounted and through a microscope, etc., the ridge line of prism 12 is matched to marks 17a and 17b, so that optical-path splitting prism 12 can be positioned accurately and easily. Instead of the ridge line, the side surface of prism 12, the half-mirror of prism 12 or marks formed on the totally reflective mirror surface parallel to it may be used.



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